

Department of Defense

Business Management Modernization Program



Business Enterprise Architecture (BEA)
Update Requirements Baseline for BEA 31 March 2005
Call 0010, Task 2.1.2.2.9.2
Version 2.3c
31 March 2005

Version History

Revision	Publication Date	Author	Description of Change
Version 2.3c	31 March 2005	Lori Musson and Dan Smith	Narrative supplement to the BEA Requirements Baseline update supporting the BEA 31 March 2005 Update

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Acronym List

Acronym	Definition
ADM	Architecture Development Methodology
AIT	Architecture Integration Team
BEA	Business Enterprise Architecture
BMMP	Business Management Modernization Program
BMSI	Business Modernization and Systems Integration
BPMN	Business Process Modeling Notation
CCB	Configuration Control Board
CD	Compact Disk
CIO	Chief Information Officer
DAO	Domain Action Officer
DoD	Department of Defense
DOORS	Dynamic Object-Oriented Requirement System
EBPM	Enterprise Business Process Model
EC	Evaluation Criteria
EO	Executive Order
FASAB	Federal Accounting Standards Advisory Board
FFMIA	Federal Financial Management Improvement Act
FMR	Financial Management Regulation
HTML	Hypertext Markup Language
ID	Identity or Identifier
IDEF0	Integration Definition for Function Modeling
IV&V	Independent Verification and Validation
JFMIP	Joint Financial Management Improvement Program
MS	Microsoft
OGC	Office of General Counsel
OMB	Office of Management and Budget
OV-6a	Operational Rules Model
OV-6c	Operational Event Trace Description
PWS	Performance Work Statement
QA	Quality Assurance
RMM	Requirements Management Methodology
SA	System Architect

Acronym	Definition
SFFAC	Statements of Federal Financial Accounting Concept
SFFAS	Statements of Federal Financial Accounting Standards
SME	Subject Matter Expert
USC	United States Code
USGSGL	United States Government Standard General Ledger

1 Introduction

1.1 Purpose and Scope

The purpose of the Department of Defense (DoD) Business Management Modernization Program (BMMP) is to provide timely, accurate, and reliable information for DoD business management, and to enable improved business operations. A key activity in the BMMP program strategy is implementing a DoD-wide Business Enterprise Architecture (BEA) that provides a high-level blueprint to guide the DoD's BMMP transformation. The BEA describes the structural composition of DoD business operations in ways that transcend organizational boundaries. Furthermore, it facilitates designing and developing improved business capabilities by linking business needs and requirements to business processes and by tracing business strategies to systems solutions.

In support of the BEA, a Requirements Baseline has been established as the repository for compliance requirements (statements from the laws, regulations, and policies that are constraints on the DoD processes) that have been identified and linked to the BEA Enterprise Business Process Model (EBPM). The Requirements Baseline is delivered with the BEA to provide users with a current set of compliance requirements and their linkages to the EBPM. The scope of the *Update Requirements Baseline for BEA 31 March 2005* (Baseline Update) deliverable includes all compliance requirement information delivered in the *Update Requirements Baseline for BEA January 31, 2005 Update* deliverable as well as any additional requirements, requirement attributes, or modifications to requirements approved by the Configuration Control Board (CCB) prior to 15 March 2005. A specific list of the update made to the Requirements Baseline since it was delivered on January 31, 2005 can be found in Appendix C of this document.

Since the Requirements Management Methodology (RMM) was not approved in time to influence the process used to initially capture or modify the compliance requirements in this deliverable, this Baseline Update does not necessarily reflect all the concepts presented in the methodology.

1.2 Performance Work Statement (PWS) Requirements

The Baseline Update deliverable was developed in accordance with the Call 0010 Performance Work Statement (PWS). Specific PWS Work Requirements, relevant to the Baseline Update, include the following:

“2.1.2.2.9.2 Update and Maintain DOORS

Provide support in updating, restructuring, and maintaining the DOORS application after approval by the government. The Government shall prioritize all updates and restructuring efforts.”

1.3 Criteria for Evaluation

Evaluation Criteria (EC) are created to achieve Government concurrence on deliverable content, organization, and layout, prior to deliverable completion. Government and Contractor Quality Assurance (QA), Software Productivity Consortium (acting as Independent Validation and Verification [IV&V]), and the Government and Contractor Requirements Management Team leads established the *Update Requirements Baseline for BEA 31 March 2005 Evaluation Criteria*. These EC will be included in this document's delivery package.

1.4 Document Organization

This document consists of the following sections:

- **Section 1 – Introduction** – describes the deliverable's purpose and scope, PWS requirements, criteria for evaluations, and an overall description of the document and its organization.
- **Section 2 – Key Business Enterprise Architecture (BEA) Requirements Baseline Maintenance Process Concepts** – defines key concepts, and describes the operational forces, conventions, and methodologies that drove this deliverable's development.
- **Section 3 – Business Enterprise Architecture (BEA) Requirements Baseline Deliverable Description** – provides an overview of the Baseline Update's content (including a description of primary compliance requirement source documents), the methodology employed in decomposing BEA compliance requirements from these sources, and a detailed description of the BEA Requirements Baseline's structure, organization, categorization, and content.
- **Appendix A – References** – lists the documents used or referenced in this deliverable.
- **Appendix B – Glossary** – defines technical terms used in the deliverable.
- **Appendix C – Requirements Baseline Updates** – identifies the changes that have been made to the *Requirements Baseline since BEA January 31 2005 Update* was delivered.
- **Attachment 1 – Compact Disk (CD) containing Business Enterprise Architecture (BEA) March 31, 2005 Update**

Both the *BEA Update* and the *BEA Requirements Baseline Update* files can be accessed through a Web-based interface that launches automatically when the CD is inserted into a computer's CD drive. This Web-based interface presents users with a series of lists, which display the various pieces of the *BEA Update* and to the *BEA Requirements Baseline Update*. Users can click on each of the item in the lists to access that piece of the deliverable.

The five principle pieces of the BEA Requirements Baseline Update and its EC are listed under heading "BEA Requirements Baseline." The five principle pieces are:

- This Narrative Summary document.

- A native Dynamic Object-Oriented Requirement System (DOORS) file containing the updated Requirements Baseline.
- A series of Source Document Reports displayed in Microsoft (MS) Excel that list all Architecture Integration Team (AIT)-validated BEA compliance requirements and their mappings to Business Process Modeling Notation (BPMN); (OV-6c) objects (that is, EBPM), by source document.
- A Requirements Traceability to EBPM Report displayed in a series of Hypertext Markup Language (HTML) files.
- A Requirements Traceability to EBPM Report in an MS Access database, which provides the same information as the HTML files but allows users to perform custom queries.

The Requirements Baseline Update files contain only those compliance requirements, and peripheral requirement information identified and approved by the Domains prior to 15 March 2005. Section 3, BEA Requirements Baseline Deliverable Description, provides further detail concerning requirements data files' structure, organization, categorization, and content.

1.5 Audience

The BEA Requirements Baseline is designed principally for use by those responsible for developing, evolving, and maintaining the BEA in a manner consistent with BEA compliance requirements. These users include:

- Business Modernization and Systems Integration (BMSI) Architects
- BEA Requirements specialists
- Subject Matter Experts (SMEs)
- BEA Technical Architects
- Business Architects

Other potential audiences include:

- DoD Components who work with the Domains to refine, prioritize, and extend BEA segments
- Transition Planners
- The DoD Chief Information Officer (CIO) Office
- Component Architects
- Architecture and Requirements System and Compliance Testers

1.6 Assumptions and Constraints

The Update to Requirements Baseline EC details the assumptions and constraints for the Baseline Update.

2 Key Business Enterprise Architecture (BEA) Requirements Baseline Maintenance Process Concepts

Key concepts associated with this deliverable include:

- Domains take responsibility for their respective compliance requirements sources and compliance requirements, including monitoring for changes that impact the BEA Requirements Baseline, and for identifying, capturing, formatting, categorizing, decomposing, deriving, tracing, validating, allocating, mapping, and authorizing BEA compliance requirements.
- BMSI plays a facilitation and support role, and may be called upon to assist in identifying, capturing, decomposing, deriving, and tracing BEA compliance requirements.
- All changes to the BEA Requirements Baseline, regardless of origin, must be approved by the BMMP CCB, and are not considered final and official until so approved.

3 Business Enterprise Architecture (BEA) Requirements Baseline Deliverable Description

The purpose of this section is to provide a brief overview of the Update to Requirements Baseline deliverable's component parts.

3.1 Background

The BEA Requirements Baseline was developed as the repository for compliance requirements related to the EBPM. During the development of the EBPM subject matter experts reviewed applicable requirement source documents to determine a baseline of compliance requirements that are relevant to the EBPM. Requirements considered relevant to the EBPM were marked as relevant, typed, categorized, and mapped to the appropriate objects in the EBPM.

This is not expected to be the final Baseline Update. As the EBPM evolves or as new and/or updated source documents are identified, BMSI management and the appropriate SME's will work together to review and update the Requirements Baseline as necessary. For this reason, the BEA Requirements Baseline will likely remain a recurring deliverable, with each delivery iteratively incorporating future requirement updates.

3.2 Deliverable Components

This deliverable contains the following five parts:

- This Narrative Summary document
- A native Dynamic Object-Oriented Requirement System (DOORS) file containing the updated Requirements Baseline
- A series of Source Document Reports displayed in Microsoft (MS) Excel that lists all AIT-validated BEA compliance requirements and their mappings to OV-6c objects (that is, EBPM), by source document
- A Requirements Traceability to EBPM Report displayed in a series of Hypertext Markup Language (HTML) files
- A Requirements Traceability to EBPM Report in an MS Access database, which provides the same information as the HTML files but allows users to perform custom queries

All five deliverable parts are contained in the *Requirements Baseline for BEA* portion of the *BEA 31 March 2005 Update* CD that is presented as Attachment 1 to this narrative; they will also be posted to the BMMP Data Repository Portal and the BMMP Website upon approval. Additionally, the BEA 31 March 2005 Update CD will contain a copy of the EC for the *Update Requirements for BEA 31 March 2005* deliverable.

3.2.1 Business Enterprise Architecture (BEA) Requirements Baseline Version 31 March 2005 Compact Disk (CD) Overview

This narrative document is included to provide users with a brief overview of the CD's content.

The native DOORS copy of the Compliance Requirements Baseline represents the official version of the delivered Requirements Baseline. This copy of the Requirements Baseline in DOORS provides read only access to the DOORS application. Write access is restricted to BEA Requirements Baseline database administrators who have access to the DOORS application and the production database.

However, in order to afford the wider BEA-interest audience access to BEA requirements information, the CD also presents BEA compliance requirements information that has been exported from the DOORS database in several file formats. This includes Source Document Reports provided in MS Excel files, and the Requirements Traceability to EBPM Report provided in HTML and a MS Access database file. These reports are described in Subsection 3.2.3, The Requirements Baseline Source Document Reports in Microsoft (MS) Excel through Subsection 3.2.5, Requirements Traceability to Enterprise Business Process Model (EBPM) in Microsoft (MS) Access.

3.2.2 The Dynamic Object-Oriented Requirements System (DOORS) Baseline Database

The DOORS database is structured in a way that conforms to the Office of General Counsel (OGC) approved hierarchy of source documents. The structure is comprised of a series of DOORS folders and modules to house the requirements data. The folders are arranged in a way that the first level of the folder hierarchy is the variety of source document; for example, US Code Public Law, Executive Orders (EO), Joint Financial Management Improvement Program (JFMIP). The second level of the folder hierarchy is the source document itself, for example, *JFMIP SR-00-03 Grant Financial Systems Requirements*. The first two levels of the DOORS structure are shown in Figure 3-1, DOORS Database Structure. All source documents identified by the Domains as potential requirement sources have a folder within DOORS. The third and final hierarchical level is the DOORS module. DOORS contains a separate module for each official source document reviewed by the Domains. These modules house the text from each source document, which includes requirements, peripheral requirements information, and requirement attributes identified and captured by the Domains.

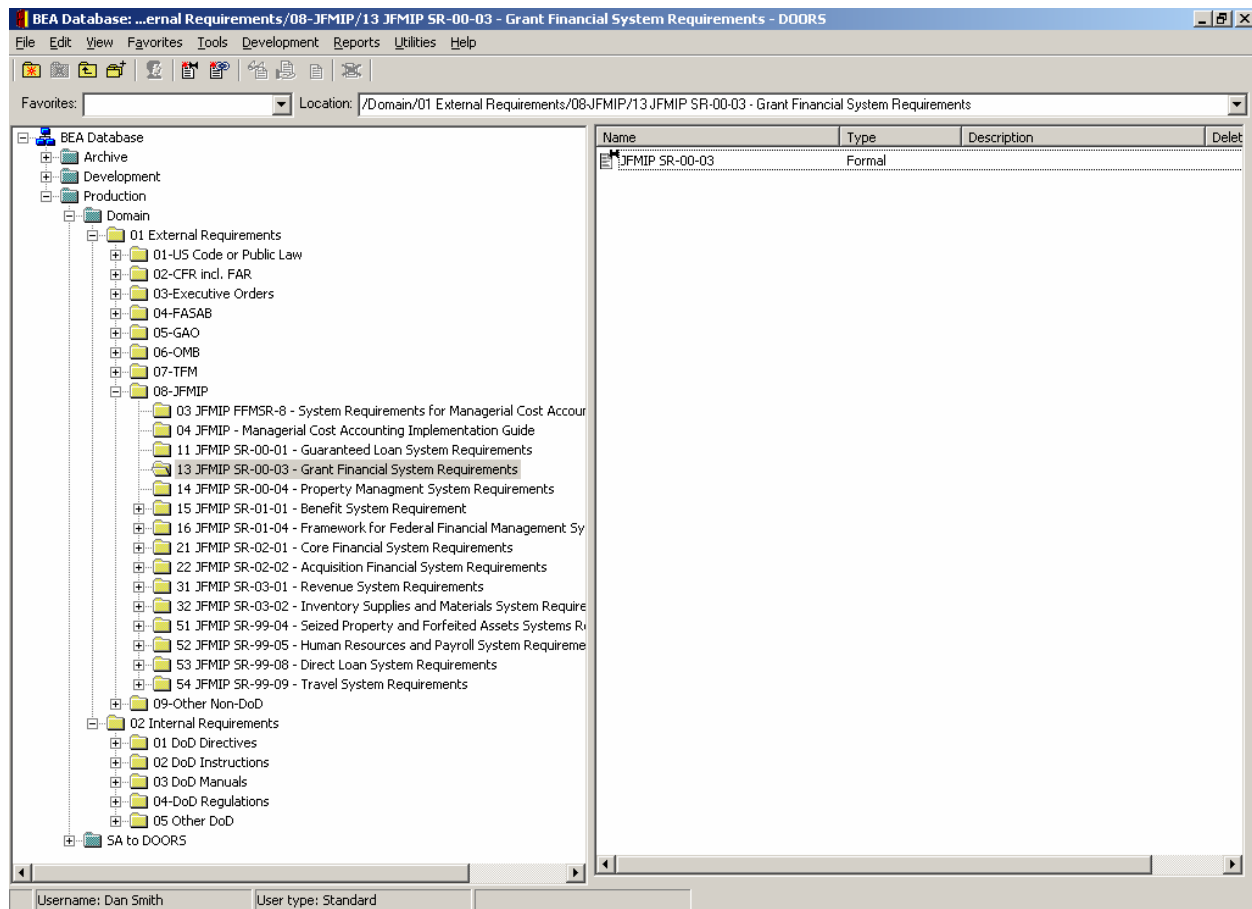


Figure 3-1, DOORS Database Structure

As stated in the previous paragraph, the DOORS modules contain the source document text reviewed and approved by the Domains. These modules also contain additional requirements attributes to supplement the requirements identified within the source documents text. Detailed descriptions of all the attributes in the DOORS modules are listed in Table 3-1, DOORS Module Attributes. The various attributes of each requirement have been populated or remain unpopulated in DOORS as directed by the Domains.

Table 3-1, DOORS Module Attributes

Attribute/Unique Identify or Identifier (ID)	Description
Primary Reference	Reference to the primary source document.
Unique ID	Unique reference number automatically assigned by the DOORS database to each parsed section of the source document.
Requirement Description	Verbatim text from the source document.
Requirement Categorization	States the Requirement's Categorization. Possible values may be 'Compliance Requirement' or 'System Functional Requirement' or 'Business Rule.' Note: Requirements identified as 'Business Rule' are Compliance Requirements that may be used to create a Business Rule.
Business Rule Name	Unique business rule identifier for System Architect (SA) Operational Rules Model (OV-6a). (Note: this attribute is not in use)
Requirement Type	States Requirement Type as 'Primary' or 'Derived.'
Linked to Requirement	Parent requirement reference number. If the requirement classification is 'Derived', enter the parent requirement number.
Modifications	Portion of text from full description to use as requirement or business rule. Includes the text of higher-level requirements when applicable.
Relevant to the EBPM	Indicates whether this requirement is relevant to the EBPM.
Add to SA	Identifies whether this business rule will be loaded into the System Architect Encyclopedia OV-6a. (Note: this attribute is not in use)
As Is	Indicates whether the requirement reflects the current state, as identified by the Domains during the AIT workshop.
To Be	Indicated whether the requirement reflects the future state, as identified by the Domains during the AIT workshop.
Process Linkage 1-40	EBPM Processes to which the Requirement is linked.
Comments	Comments from AIT workshop participants.
Adjudication Required	Note here when additional Domain Action Officer (DAO) action is required.

DOORS contains two modules in addition to those housing each source document. The first contains a listing of all the relevant requirements along with their attributes and mappings to the architecture. This module is populated by pulling all the requirements tagged as relevant from each of the source document modules. The second contains Popkin SA Products. This module is populated using an interface between DOORS and Popkin SA. Using these modules, links are made between the relevant requirements and the OV-6c objects. DOORS modules and the links

between the modules are depicted in Figure 3-2, Relationship between DOORS Modules. The boxes represent DOORS modules and the arrows represent the links.

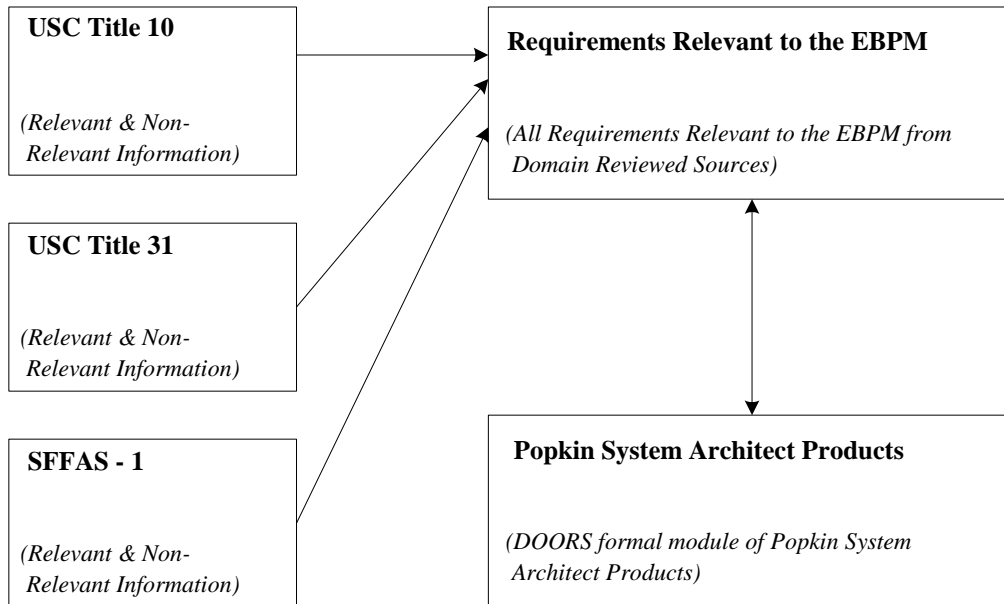


Figure 3-2, Relationship between DOORS Modules

3.2.3 The Requirements Baseline Source Document Reports in Microsoft (MS) Excel

The Excel files display the compliance requirements information from DOORS by source document. These files will be organized on the deliverable CD in a way that allows users to see all the BEA compliance requirements' source documents in hierarchical order, the requirements, and additional source information from each source document. Each file will contain all BEA compliance requirements that have been extracted from a discrete source document, along with the attributes defined in Table 3-1, DOORS Module Attributes, for all requirements deemed relevant to the EBPM.

Figure 3-3, DOORS Excel Export File, illustrates the requirements' presentation in these files.

Microsoft Excel - JFMIP_SR-00-03.xls

File Edit View Insert Format Tools Data Window Help Adobe PDF

Draw AutoShapes

Ready

NUM

Primary Reference										
A	B	C	D	E	F	G	H	I	J	K
Primary Reference	Unique ID	Requirement Description	Requirement Categorization	Business Rule Name	Requirement Type	Linked to Requirement	Modifications	Relevant to the EBPM	Add to SA	To Be
JFMIPSR-00-03	JFMIPSR0003-38	In support of this vision, the Federal government must establish government wide financial management systems and compatible agency systems, with standardized information and electronic data exchange, to support program delivery, safeguard assets, and manage taxpayer dollars.	System Functional Requirement		Primary			Y	N	X
JFMIPSR-00-03	JFMIPSR0003-39	It is critical that financial management systems plans support the agency's mission and programs, including planned changes, and that financial management systems plans are incorporated into the agency's plans for information technology infrastructure and information systems as a whole. Systems design efforts should also include an analysis of how systems improvements, new technology supporting financial management systems, and modifications to existing work processes can together enhance agency operations and improve program and financial management. Reassessing information and processing needs and redesigning processes, procedures, and policies are essential steps to meeting user needs.	System Functional Requirement		Primary			Y	N	X
JFMIPSR-00-03	JFMIPSR0003-40	Illustration 1 Financial System Improvement						N	N	
JFMIPSR-00-03	JFMIPSR0003-41	Integrated Financial Management Systems						N	N	
JFMIPSR-00-03	JFMIPSR0003-42	Financial management systems must be designed with effective and efficient interrelationships between software, hardware, personnel, procedures, controls, and data contained within the systems. To be integrated, financial management systems must have, as a minimum, the following four characteristics: <ul style="list-style-type: none">• Standard data classifications (definitions and formats) established and used for recording financial events; • Common processes used for processing similar kinds of transactions; • Internal controls over data entry, transaction processing, and reporting applied consistently; and • A design that eliminates unnecessary duplication of transaction entry.	System Functional Requirement		Primary			Y	N	X

Figure 3-3, DOORS Excel Export File

3.2.4 Requirements Traceability to Enterprise Business Process Model (EBPM) Report in Hypertext Markup Language (HTML)

The Requirements Traceability to EBPM Report provides a view of the Requirements Baseline by EBPM object. Given that only those requirements identified as Relevant to the EBPM are mapped to EBPM objects this report does not contain the entire Requirements Baseline. The purpose for exporting DOORS information in this form is to give the widest possible audience user-friendly access to the compliance requirements mapped to the EBPM. To achieve this purpose this report has been developed in a series of HTML files that display the compliance requirements from DOORS in tabular form, organized by EBPM object. Users will be presented with a base HTML file that, when opened, exhibits a five-column table. As shown in Figure 3-4, HTML-Linked Document, the table columns display the following attributes:

- **Column 1: Sys. Arch. Type** – (BPMN) objects in this table are BPMN Processes, BPMN Groups, or Gateways.

- **Column 2: BPMN Group/BPMN Process/Gateway** – provides each EBPM objects' unique title.
- **Column 3: EBPM No.** – provides each EBPM objects' unique ID number.
- **Column 4: Linked Source Documents** – identifies all of the source documents from which compliance requirements/requirements statements have been captured, validated, and mapped to the corresponding EBPM object identified in Column 2. The source documents identified for each EBPM object are displayed in the approved hierarchical order.
- **Column 5: No. of Links** – shows the number of requirements that have been extracted from each source document listed in Column 4. The text in each cell is an HTML hyperlink that, when clicked, takes the user to another HTML file containing all of the requirements/requirements statements taken from that source document and mapped to the corresponding EBPM object.

EBPM/Requirements Traceability Report - Microsoft Internet Explorer provided by KPMG

Address: R:\Requirements\March 31 Delivery Docs - Created 3-25-05\DOOR_HTML\Requirements2EBPM.htm

EBPM/Requirements Traceability Report

Sys. Arch. Type	BPMN Group/BPMN Process/Gateway	EBPM No.	Linked Source Documents	No. of Links
BPMN Group				
	Allocate Resources (EBPM 1.06)	1.06	No linked requirements	-
	EXECUTE (EBPM 3)	3.00	Public Law 097-255	3 links
			Public Law 104-208	1 link
			USC Title 31	20 links
			SFFAS 3	9 links
			SFFAS 5	8 links
			SFFAS 6	17 links
			SFFAS 10	6 links
			OMB Circular A-11	10 links
			OMB Circular A-21	31 links
			OMB Circular A-50	33 links
			OMB Circular A-110	10 links
			OMB Circular A-127	9 links
			OMB Bulletin 01-02	22 links
			TFM Vol. 1 - Part 1	10 links
			TFM Vol. 1 - Part 2	1 link
			TFM Vol. 1 - Part 4	8 links
			JFMIP FFMSR-8	23 links
			JFMIP SR-00-03	7 links
			JFMIP SR-01-01	2 links

Figure 3-4, HTML-Linked Document

As an example, Figure 3-5, Linked Source Requirement Report, shows what the user will see if the hyperlink associated with Office of Management and Budget (OMB) Circular A-21 (the circled item in Figure 3-4, HTML-Linked Document) is clicked. In this example, the seven requirements mapped to EBPM object number 2.01, Acquire HR, are displayed in a three-column table, which contains the following attributes:

- **Column 1: Unique ID** – shows the Unique ID of each requirement mapped to the selected EBPM process.
- **Column 2: Primary Reference** – shows the Primary Reference of each requirement mapped to the selected EBPM process.
- **Column 3: Requirement Description** – shows the verbatim text from the source document for each requirement mapped to the selected EBPM object.

Linked Source Requirement Report - Microsoft Internet Explorer provided by KPMG

File Edit View Favorites Tools Help

Linked Source Requirement Report

EBPM: EXECUTE (EBPM 3)

Source: JFMIP SR-00-03

Unique ID	Primary Reference	Requirement Description
JFMIPSR0003-29	JFMIPSR-00-03	Financial management systems in the Federal government must be designed to support the vision articulated by the government's financial management community which requires those systems to support the partnership between program and financial managers and to assure information integrity decision-making and performance measurement. This vision includes the ability to: • Collect accurate, timely, complete, reliable, and consistent information; • Provide for adequate agency management reporting; • Support government wide and agency-wide policy decision-making; • Support the preparation and execution of agency budgets; • Facilitate the preparation of financial statements and other financial reports in accordance with Federal accounting and reporting standards; • Provide information to central agencies for budgeting, analysis, and government wide reporting, including consolidated financial statements; and • Provide a complete documentation audit trail to facilitate audits.
JFMIPSR0003-38	JFMIPSR-00-03	In support of this vision, the Federal government must establish government wide financial management systems and compatible agency systems, with standardized information and electronic data exchange, to support program delivery, safeguard assets, and manage taxpayer dollars.
JFMIPSR0003-39	JFMIPSR-00-03	It is critical that financial management systems plans support the agency's mission and programs, including planned changes, and that financial management systems plans are incorporated into the agency's plans for information technology infrastructure and information systems as a whole. Systems design efforts should also include an analysis of how systems improvements, new technology supporting financial management systems, and modifications to existing work processes can together enhance agency operations and improve program and financial management. Reassessing information and processing needs and redesigning processes, procedures, and policies are essential steps to meeting user needs.
JFMIPSR0003-42	JFMIPSR-00-03	Financial management systems must be designed with effective and efficient interrelationships between software, hardware, personnel, procedures, controls, and data contained within the systems. To be integrated, financial management systems must have, as a minimum, the following four characteristics: • Standard data classifications (definitions and formats) established and used for recording financial events; • Common processes used for processing similar kinds of transactions; • Internal controls over data entry, transaction processing, and reporting applied consistently; and • A design that eliminates unnecessary duplication of transaction entry.
JFMIPSR0003-47	JFMIPSR-00-03	The financial management systems policy described in the Office of Management and Budget (OMB) Circular A-127 "Financial Management Systems," requires that each agency establish and maintain a single integrated financial management system. Without a single, integrated financial management system to ensure timely and accurate financial data, poor policy decisions are more likely to occur, managers are less likely to be able to report accurately on government operations in a timely manner, scarce resources are more likely to be directed toward the collection of information rather than to delivery of the intended programs; and modifications to financial management systems necessary to keep pace with rapidly changing user requirements cannot be coordinated and managed properly. The basic requirements for a single, integrated financial management system are outlined in OMB Circular A-127.
JFMIPSR0003-67	JFMIPSR-00-03	These systems must be linked together electronically to be effective and efficient. Summary data transfers must be provided from agency systems to central systems to permit summaries of management information and a agency financial performance information on a government wide basis.
JFMIPSR0003-82	JFMIPSR-00-03	• Timely and proper interaction of the grant financial system with Core financial systems and other existing automated systems; and

Figure 3-5, Linked Source Requirement Report

3.2.5 Requirements Traceability to Enterprise Business Process Model (EBPM) Database in Microsoft (MS) Access

In addition to accessing and viewing the EBPM and associated compliance requirements, some audiences require an additional ability to manipulate this data and create ad hoc reports. To serve this need, a MS Access database file containing the relevant compliance requirements, their linkages to the EBPM, and some of the requirement attributes from the Requirements Baseline has been provided. Users with MS Access will have the ability to view, sort, compare, and report the information using the MS Access application native functionality.

Figure 3-6, MS Access Window, exhibits the opening screen that MS Access users will see when launching the delivered MS Access file.

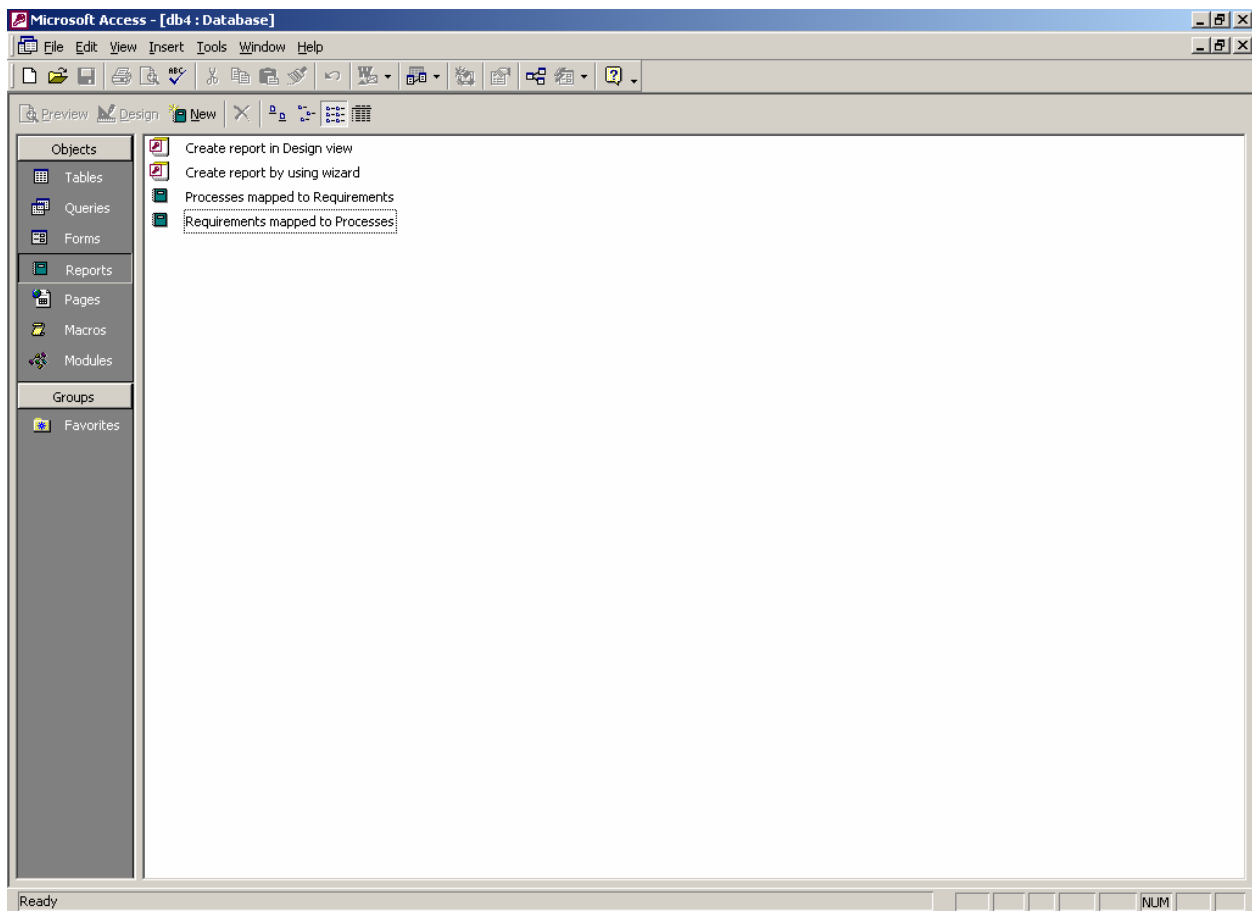


Figure 3-6, MS Access Window

Figure 3-7, MS Access Generated Requirements Report, provides an example report that can be output from the MS Access file. The information in this report is similar to that presented in the HTML files described in Subsection 3.2.4, Requirements Traceability to Enterprise Business Process Model (EBPM) Report in Hypertext Markup Language (HTML). However, using MS Access query and report capabilities users can create their own report to view some or all of the following requirement attributes included in this database:

- Unique ID
- Primary Reference
- Requirement Description
- Requirement Categorization
- Linked to Requirement
- Modifications
- Relevant to the EBPM
- Comments

Microsoft Access - [Requirements mapped to Processes Report]

File Edit View Tools Window Help

100% Close

<i>sa_process</i>	<i>EBPM</i>	<i>sa_type</i>	<i>Unique ID</i>	<i>Primary Reference</i>	<i>Requirement Description</i>
EXECUTE (EBPM 3)	3	BPMN Group	JFMIPSR0003-38	JFMIPSR-00-03	In support of this vision, the Federal government must establish government wide financial management systems and compatible agency systems, with standardized information and electronic data exchange, to support program delivery, safeguard assets, and manage taxpayer dollars.
	3	BPMN Group	JFMIPSR0201-281	JFMIP SR-02-01, Core Financial System Overview	The Core financial system must provide the capability to: 000 Support the management of multiple Agency Location Codes (ALC) and associate the appropriate ALC with each transaction involving Fund balance with Treasury to facilitate external reporting (e.g., Financial Management Service (FMS)-224) and reconciliation with Treasury. (CFA 08)
	3	BPMN Group	JFMIPSR0104-223	JFMIPSR-01-04	Central agencies are critical to integrating standardized data at the government-wide level. Integrated data at the government-wide level (i.e., budget, common data portals, etc.) requires government-wide use of standard financial and programmatic data definitions and formats, and efficient standard business processes and applications that exchange and consolidate data effectively. Common data elements should be used from the point of initial data entry, through transaction processing, storage and retrieval of financial information. This critical task is guided by government-wide information standards, such as the USSGL.
	3	BPMN Group	JFMIPSR0104-154	JFMIPSR-01-04	The financial management information structure supports the broad goals of ensuring fiscal integrity and improving program performance. Performance goals and desired characteristics for financial data and information are described below. Enable internal controls that ensures fiscal integrity through accountability and control.

Page: 14 7531

Ready NUM

Figure 3-7, MS Access Generated Requirements Report

Appendix A – References

Table A-1, Reference Documents, lists documents used or referenced in this document in alphabetical order.

Table A-1, Reference Documents

Ref. #	Referenced Document	Date/Version
1	<i>Analyze “As Is” Environment Methodology Guide</i>	28 January 2005 Version 5.0
2	<i>Architecture Development Methodology (ADM) Overview and Summary</i>	28 January 2005 Version 5.0
3	<i>BEA Requirements Management Methodology</i>	10 September 2004 Version 1.1 Final
4	<i>BMMP Call 0010 Performance Work Statement (PWS)</i>	September 2004 Version dated 10
5	<i>Develop “To Be” Enterprise Architecture Methodology Guide</i>	28 January 2005 Version 5.0
6	<i>Develop Transition Plan Methodology Guide</i>	28 January 2005 Version 5.0 Draft
7	<i>EBPM Integration Procedure For the Architecture Integration Team (AIT)</i>	10 September 2004 Revision 10.3 Draft Q
8	<i>Precedence within the DoD Environment</i>	Undated
9	<i>Requirements Decomposition Procedures – Part 1 Initial Requirement Clean-Up</i>	13 October 2004 Version 1.0
10	<i>Update Requirements Baseline for BEA 31 March 2005 Evaluation Criteria (EC)</i>	February 2005

Appendix B – Glossary

Table B–1, Glossary of Terms, contains a list of terms used in connection with the Requirements Baseline, along with their definitions in the BEA context. The third column identifies each term's source document or source organization.

Table B–1, Glossary of Terms

Term	Definition	Source
Business Rule	Statements that define or constrain some aspect of the business or its architecture.	Requirements Management Methodology
Compliance Requirement	Compliance requirements are those that are imposed on the BEA through federal laws and regulations, or through DoD-wide policy. Compliance requirements must derive their ultimate authority from US Title Code or EO, assign responsibility to, or mandate action by, the Secretary of Defense, or represent a mandate from the Secretary of Defense to DoD components and agencies.	Requirements Management Methodology
Decomposition	Requirements source documents often contain more than one requirements statement, many of which can be sub-divided into discrete, atomic statements. Decomposition refers to the process of extracting two or more detailed requirements statements from source documents; a source is said to be decomposed when all relevant requirements statements have been extracted and validated.	Requirements Management Methodology
Financial Management and Accounting Requirement Categories	Financial management and reporting requirements are those that provide direction on the way in which financial management information is handled and reported within the Federal government. An example is the Federal Financial Management Improvement Act (FFMIA) that requires federal agencies to implement and maintain financial management systems that comply with 1) Federal financial systems requirements, 2) applicable Federal accounting standards, and 3) the United States Government Standard General Ledger (USGSGL). Accounting requirements are those that provide direction to federal agencies concerning generally accepted accounting standards. An example includes the Statements of Federal Financial Accounting Standards (SFFAS) issued by the Federal Accounting Standards Advisory Board (FASAB).	Requirements Management Methodology
Mapping	As regards this Requirements Baseline update deliverable; mapping refers to the process of linking or associating specific requirements to specific BEA architecture objects/artifacts.	Requirements Management Methodology
Primary Requirements	Requirements that are levied by law, regulation, policy or contractual obligation.	Requirements Management Methodology

Term	Definition	Source
Requirement	A requirement is a documented representation of a condition or capability, or a statement of direction received from higher echelon; a need or demand. As regards the BEA, this includes requirements that govern the BEA, as well as requirements the BEA levies on others. Within Architecture products, requirements are often, though not always, represented as Integration Definition for Function Modeling (IDEF0) control arrows.	Requirements Management Methodology
Requirement Classification	AIT term to describe the scheme for grouping requirements according to the subject area they address. The AIT has defined three categories: Compliance requirements, System Functional requirements, or Business Rules.	AIT Workshop
Requirement Type	RMM term to type requirements as primary or derived.	Requirements Management Methodology
System Functional Requirement	A mandated system capability. Example source: <i>JFMIP Core Financial System Requirements</i> .	Requirements Management Methodology
Tracing	Tracing or traceability refers to the process of and ability to demonstrate the chain of authority (hierarchy) from a higher-level source (for example, law) to lowest source (for example, DoD Instruction, system implementation guidance).	Requirements Management Methodology

Appendix C – Requirements Baseline Updates

Table C-1, List of approved Change Requests since BEA January 31, 2005 Update, impacts the Requirements Baseline since the January 31, 2005 Update Deliverable.

Table C-1, List of Approved Change Requests since BEA January 31, 2005 Update

CR #	CR Name	CR Description																																												
3920	Re-parsed Requirements for Statements of Federal Financial Accounting Concept (SFFAC) 1-4, SFFAS 1-25, and JFMIP Documents	<p>This CR modified requirements in the Requirements Baseline. Using the ‘Post AIT Workshop Procedures’ the Requirements Team reviewed the requirements in the source documents listed below and re-parsed the source documents where appropriate to better capture the text of the requirement within one requirement field.</p> <p>The documents that were reviewed and re-parsed per this CR are as follows:</p> <table><tr><td>SFFAC 1</td><td>SFFAS 8</td><td>SFFAS 19</td><td>JFMIP SR-01-04</td></tr><tr><td>SFFAC 2</td><td>SFFAS 9</td><td>SFFAS 20</td><td>JFMIP SR-02-01</td></tr><tr><td>SFFAC 3</td><td>SFFAS 10</td><td>SFFAS 21</td><td>JFMIP SR-02-02</td></tr><tr><td>SFFAC 4</td><td>SFFAS 11</td><td>SFFAS 22</td><td>JFMIP SR-03-01</td></tr><tr><td>SFFAS 1</td><td>SFFAS 12</td><td>SFFAS 23</td><td>JFMIP SR-99-04</td></tr><tr><td>SFFAS 2</td><td>SFFAS 13</td><td>SFFAS 24</td><td>JFMIP SR-99-05</td></tr><tr><td>SFFAS 3</td><td>SFFAS 14</td><td>SFFAS 25</td><td>JFMIP SR-99-08</td></tr><tr><td>SFFAS 4</td><td>SFFAS 15</td><td>JFMIP FFMSR-8</td><td>JFMIP SR-99-09</td></tr><tr><td>SFFAS 5</td><td>SFFAS 16</td><td>JFMIP SR-00-03</td><td>JFMIP SR-00-01</td></tr><tr><td>SFFAS 6</td><td>SFFAS 17</td><td>JFMIP SR-00-04</td><td>JFMIP SR-03-02</td></tr><tr><td>SFFAS 7</td><td>SFFAS 18</td><td>JFMIP SR-01-01</td><td></td></tr></table>	SFFAC 1	SFFAS 8	SFFAS 19	JFMIP SR-01-04	SFFAC 2	SFFAS 9	SFFAS 20	JFMIP SR-02-01	SFFAC 3	SFFAS 10	SFFAS 21	JFMIP SR-02-02	SFFAC 4	SFFAS 11	SFFAS 22	JFMIP SR-03-01	SFFAS 1	SFFAS 12	SFFAS 23	JFMIP SR-99-04	SFFAS 2	SFFAS 13	SFFAS 24	JFMIP SR-99-05	SFFAS 3	SFFAS 14	SFFAS 25	JFMIP SR-99-08	SFFAS 4	SFFAS 15	JFMIP FFMSR-8	JFMIP SR-99-09	SFFAS 5	SFFAS 16	JFMIP SR-00-03	JFMIP SR-00-01	SFFAS 6	SFFAS 17	JFMIP SR-00-04	JFMIP SR-03-02	SFFAS 7	SFFAS 18	JFMIP SR-01-01	
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SFFAS 7	SFFAS 18	JFMIP SR-01-01																																												

CR #	CR Name	CR Description																		
3924	Re- parsed Requirements for OMB Bulletin 01-02 & 01-09, OMB Memo 03-01, and 13 OMB Circulars	<p>This CR modified requirements in the Requirements Baseline. Using the 'Post AIT Workshop Procedures' the Requirements Team reviewed the requirements in the source documents listed below and re-parsed the source documents where appropriate to better capture the text of the requirement within one requirement field.</p> <p>The documents that were reviewed and re-parsed per this CR are as follows:</p> <table> <tr> <td>OMB Bulletin 01-02</td><td>OMB Circular A-50</td><td>OMB Circular A-123</td></tr> <tr> <td>OMB Bulletin 01-09</td><td>OMB Circular A-87</td><td>OMB Circular A-127</td></tr> <tr> <td>OMB Memo 03-01</td><td>OMB Circular A-102</td><td>OMB Circular A-129</td></tr> <tr> <td>OMB Circular A-11</td><td>OMB Circular A-110</td><td>OMB Circular A-130</td></tr> <tr> <td>OMB Circular A-21</td><td>OMB Circular A-122</td><td>OMB Circular A-134</td></tr> <tr> <td>OMB Circular A-25</td><td></td><td></td></tr> </table>	OMB Bulletin 01-02	OMB Circular A-50	OMB Circular A-123	OMB Bulletin 01-09	OMB Circular A-87	OMB Circular A-127	OMB Memo 03-01	OMB Circular A-102	OMB Circular A-129	OMB Circular A-11	OMB Circular A-110	OMB Circular A-130	OMB Circular A-21	OMB Circular A-122	OMB Circular A-134	OMB Circular A-25		
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OMB Circular A-21	OMB Circular A-122	OMB Circular A-134																		
OMB Circular A-25																				
3978	Remove SA Process link from DOORS to deleted Gateway	<p>This CR removed and modified linkages in the Requirements Baseline. All requirement linkages to the Gateway 'Accept or Reject' were removed from the Requirements Baseline because this Gateway was deleted from the EBPM. In addition all requirement linkages to the Process 'Accept Contract or Order' were changed to 'Review and Respond to Issued Contract or Order' because the process was renamed.</p>																		
3979	Add SA Process Linkages to DOORS	<p>This CR added a linkage to the Requirements Baseline. The requirements that were previously mapped to the gateway 'Accept or Reject' were reviewed to determine if they needed to be mapped to other objects in the EBPM. Most of the requirements had been mapped to more than just the gateway 'Accept or Reject' therefore they did not need to be remapped, however it was determined that one requirement needed to be linked to the process "Receive Contract or Order." This linkage was added to the Requirements Baseline.</p>																		

CR #	CR Name	CR Description														
4048	Add Requirements and mappings to the Requirements Baseline for the EBPM Process "Manage Delinquent Debt"	<p>This CR added linkages and new requirement sources to the Requirements Baseline. The FM Domain reviewed the following source documents already in DOORS for requirements related to managing delinquent debt: (Financial Management Regulation [FMR]; United States Code [USC])</p> <table><tr><td>USC Title 31</td><td>DoD FMR Vol. 04</td><td>DoD FMR Vol. 07C</td><td>DoD FMR Vol. 10</td></tr><tr><td>USC Title 41</td><td>DoD FMR Vol. 05</td><td>DoD FMR Vol. 08</td><td>SSFAS 1</td></tr></table> <p>For each requirement identified by the FM Domain a link to the ‘Manage Delinquent Debt’ process was added to the Requirements Baseline. In addition, the FM Domain reviewed the following new source documents for requirements related to managing delinquent debt:</p> <table><tr><td>USC Title 26</td><td>CFR Title 31</td><td>FAR</td></tr><tr><td>USC Title 28</td><td>Public Law</td><td>DFAR</td></tr></table> <p>These six source documents (or portions of these source documents) were added to the Requirements Baseline, and for each requirement related to managing delinquent debt within these sources a link to the ‘Manage Delinquent Debt’ process was added to the Requirements Baseline.</p>	USC Title 31	DoD FMR Vol. 04	DoD FMR Vol. 07C	DoD FMR Vol. 10	USC Title 41	DoD FMR Vol. 05	DoD FMR Vol. 08	SSFAS 1	USC Title 26	CFR Title 31	FAR	USC Title 28	Public Law	DFAR
USC Title 31	DoD FMR Vol. 04	DoD FMR Vol. 07C	DoD FMR Vol. 10													
USC Title 41	DoD FMR Vol. 05	DoD FMR Vol. 08	SSFAS 1													
USC Title 26	CFR Title 31	FAR														
USC Title 28	Public Law	DFAR														
4050	Add Requirement Mappings to the Requirements Baseline for the Process Steps "Post General Ledger" and "Manage External Financial Reporting"	<p>This CR added linkages to the Requirements Baseline. The FM Domain determined that a link should be added to the "Post to General Ledger" process for all requirements from any process box that has a sequence flow that leads into "Post to General Ledger.” In addition a link was added to the "Manage External Financial Reporting" process for all requirements that were linked to the "Post to General Ledger" process.</p>														

CR #	CR Name	CR Description																														
4057	Re-parsed Requirements for the DOD FMR Vol. 1-15, TFM Vol. 1 Part 1-6, SFFAS 26, JFMIP Managerial Cost Accounting Guide, and OMB Circular 133	<p>This CR modified requirements in the Requirements Baseline. Using the 'Post AIT Workshop Procedures' the Requirements Team reviewed the requirements in the source documents listed below and re-parsed the source documents where appropriated to better capture the text of the requirement within one requirement field.</p> <p>The documents that were reviewed and re-parsed per this CR are as follows:</p> <table border="0"> <tr> <td>DoD FMR Vol. 01</td><td>DoD FMR Vol. 07C</td><td>TFM Vol. 1 Part 1</td></tr> <tr> <td>DoD FMR Vol. 02A</td><td>DoD FMR Vol. 08</td><td>TFM Vol. 1 Part 2</td></tr> <tr> <td>DoD FMR Vol. 02B</td><td>DoD FMR Vol. 09</td><td>TFM Vol. 1 Part 3</td></tr> <tr> <td>DoD FMR Vol. 03</td><td>DoD FMR Vol. 10</td><td>TFM Vol. 1 Part 4</td></tr> <tr> <td>DoD FMR Vol. 04</td><td>DoD FMR Vol. 11A</td><td>TFM Vol. 1 Part 5</td></tr> <tr> <td>DoD FMR Vol. 05</td><td>DoD FMR Vol. 11B</td><td>TFM Vol. 1 Part 6</td></tr> <tr> <td>DoD FMR Vol. 06A</td><td>DoD FMR Vol. 12</td><td>SFFAS 26</td></tr> <tr> <td>DoD FMR Vol. 06B</td><td>DoD FMR Vol. 13</td><td>JFMIP Managerial Cost Accounting Guide</td></tr> <tr> <td>DoD FMR Vol. 07A</td><td>DoD FMR Vol. 14</td><td>OMB Circular A-133</td></tr> <tr> <td>DoD FMR Vol. 07B</td><td>DoD FMR Vol. 15</td><td></td></tr> </table>	DoD FMR Vol. 01	DoD FMR Vol. 07C	TFM Vol. 1 Part 1	DoD FMR Vol. 02A	DoD FMR Vol. 08	TFM Vol. 1 Part 2	DoD FMR Vol. 02B	DoD FMR Vol. 09	TFM Vol. 1 Part 3	DoD FMR Vol. 03	DoD FMR Vol. 10	TFM Vol. 1 Part 4	DoD FMR Vol. 04	DoD FMR Vol. 11A	TFM Vol. 1 Part 5	DoD FMR Vol. 05	DoD FMR Vol. 11B	TFM Vol. 1 Part 6	DoD FMR Vol. 06A	DoD FMR Vol. 12	SFFAS 26	DoD FMR Vol. 06B	DoD FMR Vol. 13	JFMIP Managerial Cost Accounting Guide	DoD FMR Vol. 07A	DoD FMR Vol. 14	OMB Circular A-133	DoD FMR Vol. 07B	DoD FMR Vol. 15	
DoD FMR Vol. 01	DoD FMR Vol. 07C	TFM Vol. 1 Part 1																														
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DoD FMR Vol. 07B	DoD FMR Vol. 15																															
4065	Re-name and define Requirement Attributes in the EBPM Integrated Methodology and DOORS	<p>This CR modified the requirement attribute names. The following Attribute changes were made to the EBPM Integrated Methodology and DOORS was updated accordingly:</p> <ol style="list-style-type: none"> 1. 'Requirement Reference Number' changed to 'Unique ID' and defined as the 'Unique reference number automatically assigned by the DOORS database to each parsed section of the source document.' 2. 'Requirement/Rule Description' changed to 'Requirement Description' and defined as the 'Verbatim text from the source document.' 3. 'Requirement Category Set or Category/Business Rule' changed to 'Requirement Categorization' and defined as 'States the Requirement's Category Set or Category.' 4. 'Requirement Classification Type' changed to 'Requirement Type' and defined as 'States the Requirement Type.' 5. 'Financially Relevant' changed to 'Relevant to the EBPM' and defined as 'Indicates whether this requirement is relevant to the EBPM.' 																														

Attachment 1 – Compact Disk (CD) containing Business Enterprise Architecture (BEA) 31 March 2005 Update